

**ABSTRACT OF THE INVENTION**

A new type of data transport service which uses a frame relay layer 2 data link connection identifier (DLCI) to select among various service types, feature sets, and/or closed user groups (CUGs) . A layer 3 address may be extracted from a layer 2 frame, and the layer  
5 3 address information may be used to route a data packet over a packet-switched network according to the service classes, feature sets, and/or CUGs selected. At the destination, the layer 3 data packet may again be enclosed in a layer 2 frame with a DLCI indicating the service classes, features sets, and/or CUGs. Because the use of conventional permanent virtual circuits (PVCs) is not required in aspects of the invention, new methods of measuring and managing  
10 network traffic are presented.

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